

**AMORPHOUS CALCIUM CITRATE SALTS
AND METHOD OF MAKING AND USING SAME**

ABSTRACT

Amorphous water-soluble calcium citrate salts having a mole ratio of
5 calcium to citrate of less than 2.5:2, and powdered beverage mixes and liquid
compositions fortified with these amorphous water-soluble calcium citrate salts
as a calcium source, are provided. Liquid compositions fortified with calcium
citrate according to this invention have superior dispersability, solubility,
appearance, and storage stability. These liquid compositions are prepared by
10 new methods that provide and preserve a stable amorphous character in the
dry powdered product salts. The present invention also is directed to a method
of administering such calcium citrate-fortified liquid compositions to increase
the dietary calcium intake in individuals.